

EPA Official Record

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From: "Heather Ford" <HFord@nobisengineering.com>

To: Jim Dilorenzo/R1/USEPA/US@EPA

Delivered Date: 08/18/2008 04:18 PM EDT

Subject: OLIN - Private Well Analytical List

Jim - this private well sampling should focus on drinking water methods and to that end, we have suggested alternative methods in RED below. For history, on July 16th, you sent Olin an email with a list of well locations and contaminants to be analyzed for (called Table 3). That list is the basis for the Olin sampling presented below (actually Olin's list is larger than what we agreed to). The understanding of the shorter analyte list is that the detection limits need to be representative of current methods and if contaminants are found, then additional sampling for a wider contaminant collection will need to be performed. Let me know if you have any questions. Heather

To respond to Olin:

- The methods presented are groundwater methods and samples should be analyzed using drinking water methods (lower reporting limits) See Edits in RED below.
- Additionally, some of the methods listed have been replaced as noted below (see RED below).
- Olin should confirm that the methods listed are intended to be the "full List" of compounds as prescribed by the method. There is some interpretation from lab to lab as to what a "full list" entails, but generally speaking we should expect that there should be only a few exceptions to the interpretation.

For the analysis:

- VOCs, plus TMPs (USEPA Method 8260b) should use 524.2

- SVOCs (USEPA Method 8270) should use 525
- NDMA - low level (USEPA Modified 1625)
- chromium sodium and calcium (SW-846 6010b/6020A) should use 200.7/200.8
- chloride (USEPA 325.2) should use 300.0 or sm
- sulfate (USEPA 375.4) should use 300.0 or sm or 375.2
- ammonia (USEPA 350.1)
- nitrate/nitrite (USEPA 300.0)

-----Original Message-----

From: dilorenzo.jim@epamail.epa.gov [mailto:dilorenzo.jim@epamail.epa.gov]

Sent: Monday, August 18, 2008 1:34 PM

To: Heather Ford; Sugatt.Rick@epamail.epa.gov; Joseph.Coyne@state.ma.us

Subject: OLIN - Private Well Analytical List

Olin/MACTEC will be sampling about 25 private wells later this year.

The letters to property owners just went out. Olin is proposing to sample for the following targets...

VOCs, plus TMPs (USEPA Method 8260b)

SVOCs (USEPA Method 8270)

NDMA - low level (USEPA Modified 1625)

chromium sodium and calcium (SW-846 6010b/6020A)

chloride (USEPA 325.2)

sulfate (USEPA 375.4)

ammonia (USEPA 350.1)

nitrite/nitrite (USEPA 300.0)

I believe this list is sufficient for residential wells. Please let me know if you have any questions or concerns.

Jim

James M. DiLorenzo

US EPA Region 1

Office of Site Remediation & Restoration

One Congress Street (Suite 1100 - HBO)

Boston, MA 02114-2023

617 918-1247

fax 918-0247

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